

# INEOS PP 100-GD03

Polypropylene Homopolymer  
INEOS Olefins & Polymers Europe

Message:

100-GD03 is a polypropylene homopolymer with a nominal MFR of 3.0 g/10min. It is suitable for biaxially oriented polypropylene (BOPP) film applications. It has a stabilization package suitable for metallisation application.

- Applications
- Flexible packaging
  - Adhesive tape
- Benefits and Features
- Good processability for tenter frame film
  - High tenacity
  - Good optical and barrier properties
  - Suitable for metallisation application
  - Low catalyst residue, low odour level

| General Information |                          |
|---------------------|--------------------------|
| Features            | Barrier Resin            |
|                     | Good Processability      |
|                     | High Tensile Strength    |
|                     | Homopolymer              |
|                     | Low Residuals            |
|                     | Low to No Odor           |
|                     | Opticals                 |
| Uses                | Bi-axially Oriented Film |
|                     | Film                     |
|                     | Packaging                |
|                     | Tape                     |
| RoHS Compliance     | Contact Manufacturer     |
| Forms               | Pellets                  |
| Processing Method   | Blown Film               |
|                     | Tenter Process           |

| Physical                                  | Nominal Value | Unit     | Test Method |
|---|---------------|----------|-------------|
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 3.0           | g/10 min | ISO 1133    |
| Mechanical                                | Nominal Value | Unit     | Test Method |
| Tensile Stress (Yield)                    | 29.0          | MPa      | ISO 527-2   |
| Flexural Modulus (23°C)                   | 1450          | MPa      | ISO 178     |
| Thermal                                   | Nominal Value | Unit     | Test Method |
| Peak Melting Temperature                  | 162           | °C       | ASTM D3418  |

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